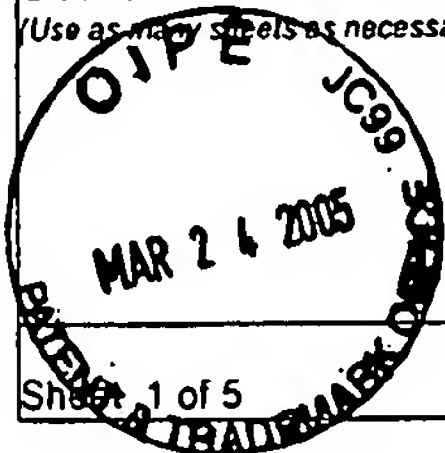


Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)



PTO/SB/08A(10-01)
 Approved for use through 10/31/2002. OMB 651-0031
 US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known	
Application Number	10/607,820
Filing Date	June 27, 2003
First Named Inventor	Sweeney, Robert
Group Art Unit	3762
Examiner Name	Unknown
Attorney Docket No: 279.635US1	

US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
TS	US-2002/0193696 A1	12/19/2002	Hsu, W., et al.	08/14/2002
	US-2004/0010200 A1	01/15/2004	Sweeny, R. J., et al.	07/15/2002
	US-2004/0127806 A1	07/01/2004	Sweeney, R. J.	12/12/2003
	US-4,336,810	06/29/1982	Anderson, D. L., et al.	09/30/1980
	US-4,583,553	04/22/1986	Shah, A. P., et al.	11/15/1983
	US-4,721,114	01/26/1988	DuFault, R. A., et al.	02/21/1986
	US-4,802,491	02/01/1989	Cohen, R. J., et al.	07/30/1986
	US-4,825,869	05/02/1989	Sasmor, L., et al.	09/28/1987
	US-4,832,038	05/23/1989	Arai, M. R., et al.	01/20/1987
	US-4,838,278	06/13/1989	Wang, J., et al.	02/26/1987
	US-4,924,875	05/15/1990	Chamoun, N. G.	10/09/1987
	US-4,947,857	08/14/1990	Albert, D. E., et al.	02/01/1989
	US-5,014,284	05/07/1991	Langer, A. A., et al.	06/30/1989
	US-5,046,504	09/10/1991	Albert, D. E., et al.	04/06/1990
	US-5,184,615	02/09/1993	Nappholz, T. A., et al.	03/08/1991
	US-5,193,550	03/16/1993	Duffin, E. G.	11/30/1990
	US-5,201,321	04/13/1993	Fulton, K. W.	02/11/1991
	US-5,217,021	06/08/1993	Steinhaus, B. M., et al.	07/30/1991
	US-5,228,438	07/20/1993	Buchanan, S. W.	10/08/1991
	US-5,240,009	08/31/1993	Williams, M. O.	03/25/1991
	US-5,271,411	12/21/1993	Ripley, K. L., et al.	09/10/1991
	US-5,273,049	12/28/1993	Steinhaus, B. M., et al.	04/09/1992
	US-5,275,621	01/04/1994	Mehra, R.	04/13/1992
	US-5,280,792	01/25/1994	Leong, P. H., et al.	09/18/1992
	US-5,291,400	03/01/1994	Gilham, J. J.	04/09/1992
	US-5,292,341	03/08/1994	Snell, J. D.	03/02/1992
	US-5,292,348	03/08/1994	Saumarez, R., et al.	04/13/1992
	US-5,311,874	05/17/1994	Baumann, L. S., et al.	05/18/1992
	US-5,312,445	05/17/1994	Nappholz, T. A., et al.	02/03/1992
	US-5,313,953	05/24/1994	Yomtov, B. M., et al.	01/14/1992
	US-5,330,504	07/19/1994	Somerville, W. M., et al.	05/03/1993
✓	US-5,331,966	07/26/1994	Bennett, T. D., et al.	12/16/1993
	US-5,334,220	08/02/1994	Sholder, J. A.	11/13/1992
TS	US-5,342,402	08/30/1994	Olson, W. H., et al.	01/29/1993

EXAMINER /Terri Smith/

DATE CONSIDERED 11/15/2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/607,820
	Filing Date	June 27, 2003
	First Named Inventor	Sweeney, Robert
	Group Art Unit	3762
	Examiner Name	Unknown
Sheet 2 of 5		Attorney Docket No: 279.635US1

TS	US-5,350,406	09/27/1994	Nitzsche, R., et al.	12/22/1992
	US-5,351,696	10/04/1994	Riff, K. M., et al.	04/23/1993
	US-5,360,436	11/01/1994	Alt, E., et al.	04/03/1992
	US-5,365,934	11/22/1994	Leon, T., et al.	04/26/1993
	US-5,366,487	11/22/1994	Adams, T. P., et al.	11/04/1993
	US-5,383,910	01/24/1995	den Dulk, K.	02/19/1993
	US-5,387,229	02/07/1995	Poore, J. W.	01/21/1993
	US-5,391,189	02/21/1995	van Krieken, F. M., et al.	11/04/1993
	US-5,400,795	03/28/1995	Murphy, A. J., et al.	10/22/1993
	US-5,411,031	05/02/1995	Yomtov, B. M.	11/24/1993
	US-5,417,714	05/23/1995	Levine, P. A., et al.	05/11/1993
	US-5,431,693	07/11/1995	Schroeppe, E. A.	12/10/1993
	US-5,447,519	09/05/1995	Peterson, D. K.	03/19/1994
	US-5,458,620	10/17/1995	Adams, T. P., et al.	02/14/1994
	US-5,464,433	11/07/1995	White, H., et al.	06/14/1994
	US-5,480,412	01/02/1996	Mouchawar, G., et al.	11/16/1993
	US-5,487,754	01/30/1996	Snell, J. D., et al.	10/25/1994
	US-5,503,159	04/02/1996	Burton, D. L.	03/17/1995
	US-5,511,554	04/30/1996	Helfenbein, E. D., et al.	07/27/1994
	US-5,513,644	05/07/1996	McClure, K. H., et al.	09/22/1994
	US-5,514,163	05/07/1996	Markowitz, H. T., et al.	02/21/1995
	US-5,520,191	05/28/1996	Karlsson, P., et al.	10/07/1994
	US-5,542,430	08/06/1996	Farrugia, S., et al.	09/16/1994
	US-5,545,186	08/13/1996	Olson, W. H., et al.	03/30/1995
	US-5,549,641	08/27/1996	Ayers, G. M., et al.	10/31/1994
	US-5,560,369	10/01/1996	McClure, K. H., et al.	09/22/1994
	US-5,603,331	02/18/1997	Heemels, J. P., et al.	02/12/1996
	US-5,605,159	02/25/1997	Smith, J. M., et al.	02/16/1996
	US-5,628,326	05/13/1997	Arand, P. A., et al.	11/29/1995
	US-5,645,070	07/08/1997	Turcott, R.	09/25/1995
TS	US-5,676,153	10/14/1997	Smith, J. M., et al.	10/25/1996
	US-5,682,988	11/01/1997	Arand, P. A., et al.	11/29/1995
TS	US-5,685,315	11/11/1997	McClure, K. H., et al.	03/29/1996
TS	US-5,697,959	12/16/1997	Poore, J. W.	01/11/1996
TS	US-5,704,365	01/06/1998	Albrecht, P., et al.	11/14/1995
TS	US-5,712,801	01/27/1998	Turcott, R.	09/25/1995
TS	US-5,713,367	02/03/1998	Arnold, J. M., et al.	01/26/1995
	US-5,718,242	02/01/1998	McClure, K. H., et al.	03/29/1996
TS	US-5,730,142	03/24/1998	Sun, W., et al.	03/21/1997
TS	US-5,738,105	04/14/1998	Kroll, M. W.	10/24/1995
TS	US-5,749,900	05/12/1998	Schroeppe, E. A., et al.	12/11/1995
TS	US-5,755,739	05/26/1998	Sun, W., et al.	12/04/1996
TS	US-5,778,881	07/14/1998	Sun, W., et al.	12/04/1996

EXAMINER /Terri Smith/

DATE CONSIDERED 11/15/2006

Substitute Disclosure Statement Form (PTO-1449)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/607,820
	Filing Date	June 27, 2003
	First Named Inventor	Sweeney, Robert
	Group Art Unit	3762
	Examiner Name	Unknown
Sheet 3 of 5	Attorney Docket No: 279.635US1	

TS	US-5,779,645	07/14/1998	Olson, T. S., et al.	12/17/1996
	US-5,782,888	07/21/1998	Sun, W., et al.	03/21/1997
	US-5,788,717	08/04/1998	Mann, B. M., et al.	07/11/1995
	US-5,792,065	08/11/1998	Xue, Q., et al.	03/18/1997
	US-5,792,066	08/11/1998	Kwong, M.	01/09/1997
	US-5,795,303	08/18/1998	Swanson, D. K., et al.	09/02/1997
	US-5,797,399	08/25/1998	Morris, M. M., et al.	04/19/1996
	US-5,810,739	09/22/1998	Bornzin, G. A., et al.	12/19/1996
	US-5,814,077	09/29/1998	Sholder, J. A., et al.	05/12/1997
	US-5,817,133	10/06/1998	Houben, R. P.	03/04/1997
	US-5,819,007	10/06/1998	Elghazzawi, Z. F.	03/15/1996
	US-5,819,741	10/13/1998	Karlsson, P., et al.	05/24/1996
	US-5,827,195	10/27/1998	Lander, P.	05/09/1997
	US-5,836,987	11/17/1998	Baumann, L. S., et al.	03/12/1997
	US-5,855,593	01/05/1999	Olson, W. H., et al.	06/12/1997
	US-5,857,977	01/12/1999	Caswell, S. A., et al.	08/08/1996
	US-5,868,680	02/09/1999	Steiner, P. R., et al.	09/23/1997
	US-5,873,897	02/23/1999	Armstrong, R. K., et al.	09/19/1997
	US-5,873,898	02/23/1999	Hemming, M. T., et al.	04/29/1997
	US-5,935,082	08/10/1999	Albrecht, P., et al.	05/15/1997
	US-5,941,831	08/24/1999	Turcott, R.	04/03/1998
	US-5,944,744	08/31/1999	Paul, P. J., et al.	02/06/1998
	US-5,951,592	09/14/1999	Murphy, A.	11/21/1997
	US-5,954,661	09/21/1999	Greenspon, A J., et al.	03/31/1997
	US-5,978,700	11/02/1999	Nigam, I. B.	05/06/1998
	US-5,978,707	11/02/1999	Krig, D. B., et al.	10/08/1997
	US-5,983,138	11/09/1999	Kramer, A. P.	04/04/1997
	US-5,991,656	11/23/1999	Olson, W. H., et al.	09/22/1998
	US-5,991,657	11/23/1999	Kim, J.	08/06/1998
	US-6,016,442	01/18/2000	Hsu, W., et al.	03/25/1998
	US-6,024,705	02/15/2000	Schlager, K. J., et al.	11/06/1998
	US-6,049,735	04/11/2000	Hartley, J. W., et al.	03/01/1999
	US-6,052,617	04/18/2000	Kim, J.	07/01/1998
	US-6,076,014	06/13/2000	Alt, E.	08/01/1997
	US-6,081,745	06/27/2000	Mehra, R.	08/17/1998
	US-6,091,990	07/18/2000	Hsu, W., et al.	11/03/1999
	US-6,192,273	02/20/2001	Igel, D. A., et al.	12/02/1997
	US-6,212,428	04/03/2001	Hsu, W., et al.	05/22/2000
	US-6,223,078	04/24/2001	Marcovecchio, A. F.	03/12/1999
	US-6,233,487	05/15/2001	Mika, Y., et al.	06/23/1999
✓	US-6,253,102	06/26/2001	Hsu, W., et al.	05/11/2000
	US-6,263,242	07/17/2001	Mika, Y., et al.	03/25/1999
TS	US-6,266,554	07/24/2001	Hsu, W., et al.	02/12/1999

EXAMINER /Terri Smith/

DATE CONSIDERED 11/15/2006

Substitute Disclosure Statement Form (PTO-1449)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/607,820
	Filing Date	June 27, 2003
	First Named Inventor	Sweeney, Robert
	Group Art Unit	3762
	Examiner Name	Unknown
Sheet 4 of 5	Attorney Docket No: 279.635US1	

TS	US-6,272,377	08/07/2001	Sweeney, R. J., et al.	10/01/1999
TS	US-6,275,732	08/14/2001	Hsu, W., et al.	06/17/1998
TS	US-6,301,499	10/09/2001	Carlson, G. M., et al.	10/18/1999
TS	US-6,301,503	10/09/2001	Hsu, W., et al.	09/29/1900
TS	US-6,308,095	10/23/2001	Hsu, W., et al.	02/12/1999
TS	US-6,312,388	11/06/2001	Marcovecchio, A. F., et al.	03/12/1999
TS	US-6,370,430	04/01/2002	Mike, Y., et al.	05/16/2000
TS	US-6,400,982	06/04/2002	Sweeney, R. J., et al.	05/07/2001
TS	US-6,430,435	08/06/2002	Hsu, W., et al.	11/20/2000
TS	US-6,430,438	08/06/2002	Chen, V. T., et al.	05/21/1999
TS	US-6,434,417	08/13/2002	Lovett, E. G.	03/28/2000
TS	US-6,438,410	08/20/2002	Hsu, W., et al.	05/03/2001
TS	US-6,449,503	09/10/2002	Hsu, W.	01/14/1999
TS	US-6,470,210	10/22/2002	Chen, V., et al.	04/06/2001
TS	US-6,484,055	11/19/2002	Marcovecchio, A. F.	09/20/2000
TS	US-6,516,225	02/04/2003	Florio, J. J.	09/15/2000
TS	US-6,539,257	03/25/2003	KenKnight, B. H.	09/12/2000
TS	US-6,571,121	05/27/2003	Schroeppel, E. A., et al.	10/15/2001
TS	US-6,684,100	01/27/2004	Sweeney, R. J., et al.	10/31/2000

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
TS	DE-4405827 (w/ English Abstract)	06/08/1995	von Bezold, D., et al.	
TS	EP-469817A2	07/29/1991	Larnard, D. J., et al.	
TS	EP-506230A1	02/24/1992	Williams, M. O.	
TS	WO-97/39881A1	04/19/1998	Morris, M. M., et al.	
TS	WO-99/65570A1	12/23/1999	Hsu, W., et al.	
TS	WO-00/10455A1	03/02/2000	Litt, B., et al.	
TS	WO-00/47278A1	08/17/2000	Hsu, W., et al.	
TS	WO-02/40094A2	05/23/2002	Sweeney, R. J., et al.	
TS	WO-05002669A2	01/13/2005	Sweeney, R. J., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴
		"International Search Report for PCT Application No. PCT/US2004/020723", (Attorney Docket No. 279.636WO1), (February 8, 2005), 7 pgs.	
		"Written Opinion for PCT Application No. PCT/US2004/020723", (Attorney Docket No. 279.636WO1), 12 pgs.	

EXAMINER /Terri Smith/

DATE CONSIDERED 11/15/2006

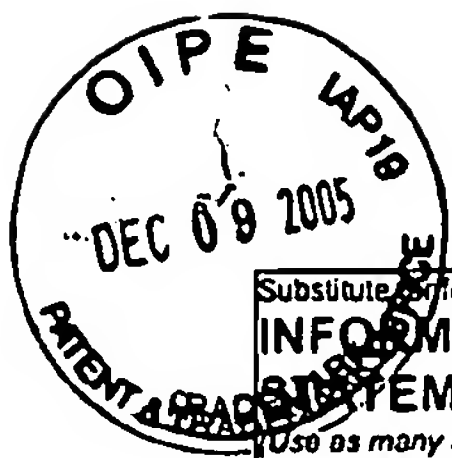
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	Complete if Known	
	Application Number	10/607,820
	Filing Date	June 27, 2003
	First Named Inventor	Sweeney, Robert
	Group Art Unit	3762
	Examiner Name	Unknown
Sheet 5 of 5		Attorney Docket No: 279.635US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TS		SWEENEY, ROBERT J., "TACHYARRHYTHMIA DETECTION AND DISCRIMINATION BASED ON CURVATURE PARAMETERS", <u>Application Serial No. 10/607,818, Filed June 27, 2003 Attorney Docket No. 279.636US1, 59 pgs.</u>	
TS		VAPNIK, V. N., "Chapter 5 Constructing Learning Algorithms", <u>The Nature of Statistical Learning Theory, Springer-Verlag New York, Inc., (1995), 119-166</u>	

EXAMINER /Terri Smith/

DATE CONSIDERED 11/15/2006



Substitute Form 1449A/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Use as many sheets as necessary



PTO/SB/08A(10-01)
Approved for use through 10/31/2002. CMB 651-0031
US Patent & Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	10/607,820
Filing Date	June 27, 2003
First Named Inventor	Sweeney, Robert
Group Art Unit	3762
Examiner Name	Unknown

Sheet 1 of 1

Attorney Docket No: 279.635US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
TS	US-2005/0159781A1	07/21/2005	Hsu, W. , et al.	03/11/2005
TS	US-6,950,702	09/27/2005	Sweeney, R. J.	07/15/2002

EXAMINER /Terri Smith/

DATE CONSIDERED 11/15/2006

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 600. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.